

Scientific Note:

Butterflies of Batman Province (East Turkey) (Lepidoptera)

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Within the field programs of the year 2008, the authors visited Kozluk District in Batman Province (East Turkey) on 28 May, 2008, in the evening. The provincial fauna of the Lepidoptera is extremely poorly known. Only 39 butterfly species were reported from Batman in the literature so far (Hesselbarth et al.,1995 ¹; Koçak & Kemal,2006 ²; Koçak & Kemal,2007 ³). There is no record for the moths in the province. Among the reasons, the insecurity of the remote areas cannot be omitted. This case is still continuing.⁴

Due to the storm in the province, number of the specimens collected in Kozluk District is very limited. However, 5 species are recorded as new to the Province. The captured specimens are preserved in the Cesa collection.

In the following list, totally 44 species are given alphabetically under the related 5 families. New faunal records to the Batman Province are marked with #.

Further faunal studies in the remote areas of the province will be carried out by the authors in this year.

¹ Hesselbarth,G. et al., 1995, Die Tagfalter der Türkei. 2Bde. Selbstverlag.

² Koçak,A.Ö. & M.Kemal, 2006, Checklist of Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 1: 1-196.

³ Koçak,A.Ö. & M.Kemal, 2007, Revised and annotated checklist of the Lepidoptera of Turkey. Priamus Suppl. 8: 1-150, 2 Tables.

⁴ The remote areas of the Eastern Turkey, including Batman Province are currently extremely dangerous for the night studying, due to the terrorist activities. Our field surveys have been carrying out under these circumstances for years. For details visit the official Web Page of the Turkish General Staff (TGS) in Turkish: http://www.tsk.mil.tr/HABERLER_ve_OLAYLAR/5_Terorle_Mucadele/terorle_mucadele_2008.htm

List of the Butterflies of Batman Province

Pieridae

1. *Aporia (s.str.) crataegi* (Linnaeus,1758)
2. *Colias (Eriocolias) crocea* (Fourcroy,1785)

Argynnididae

3. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller],1775)
4. *Cynthia cardui* (Linnaeus,1758)
5. *Euapatura mirza* Ebert,1971 #
6. *Melitaea (Didymaeformis) perseus* Kollar,[1849]
7. *Melitaea (s.str.) arduinna* (Fabricius,1787)
8. *Nymphalis xanthomelas* (Esper,[1781])
9. *Polygonia (Comma) egea* (Cramer,[1775])

Satyridae

10. *Brintesia circe* (Fabricius,1775)
11. *Coenonympha (s.str.) pamphilus* (Linnaeus,1758)
12. *Coenonympha (s.str.) saadi* (Kollar,[1849])
13. *Hipparchia (Parahipparchia) pellucida* (Stauder,1924)
14. *Hipparchia (s.str.) syriaca* (Staudinger,1871)
15. *Hyponephele (s.str. (Turaninephele)) wagneri* (Herrich-Schäffer,[1846]) #
16. *Hyponephele (s.str.) lupina* (Costa,[1836])
17. *Kirinia (Melike) roxelana* (Cramer,[1777])
18. *Lasiommata megera* (Linnaeus,1767)
19. *Maniola (Telmessiola) telmessia* (Zeller,1847)
20. *Maniola (s.str.) jurtina* (Linnaeus,1758)
21. *Melanargia (Turcargia) grumi* Standfuss,1892
22. *Pseudochazara (Achazara) anthelea* (Hübner,[1824])

Lycaenidae

23. *Chilades (Freyeria) trochylus* (Freyer,[1843]) #
24. *Lampides boeticus* (Linnaeus,1767)
25. *Lycaena (Loweia) tityrus* (Poda,1761)
26. *Lycaena (Thersamonia) kurdistanica* (Riley,1921)
27. *Lycaena (s.str.) phlaeas* (Linnaeus,1761)
28. *Plebejus (Kretania) carmon* (Gerhard,[1851])
29. *Plebejus (Plebejides) modicus* Verity,1935
30. *Polyommatus (Albulina (Plebejidea)) loewii* (Zeller,1847)
31. *Polyommatus (Aricia (s.str.)) agestis* ([Denis & Schiffermüller],1775)
32. *Polyommatus (s.str. (Lysandra)) bellargus* (Rottemburg,1775)
33. *Polyommatus (s.str.) icarus* (Rottemburg,1775)
34. *Satyrium (Nordmannia) abdominalis* (Gerhard,[1850])
35. *Satyrium (Nordmannia) zabni* Oorschot & Brink,1991
36. *Tarucus (s.str.) balkanicus* (Freyer,[1843])

Hesperiidae

37. *Carcharodus (s.str.) alceae* (Esper,[1780])
38. *Eogenes alcides* Herrich-Schäffer,[1852] #
39. *Muschampia poggei* (Lederer,1858) #
40. *Ochlodes venatus* (Bremer & Grey,[1852])

41. *Pyrgus sidae* (Esper,[1784])
42. *Spialia (Neospialia) orbifer* (Hübner,[1823])
43. *Thymelicus acteon* (Rottemburg,1775)
44. *Thymelicus sylvestris* (Poda,1761)



Fig. 1- Habitat. Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo A.Koçak (Cesa)



Fig. 2- *Euapatura mirza* (Argynnidae), a basking female. Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)

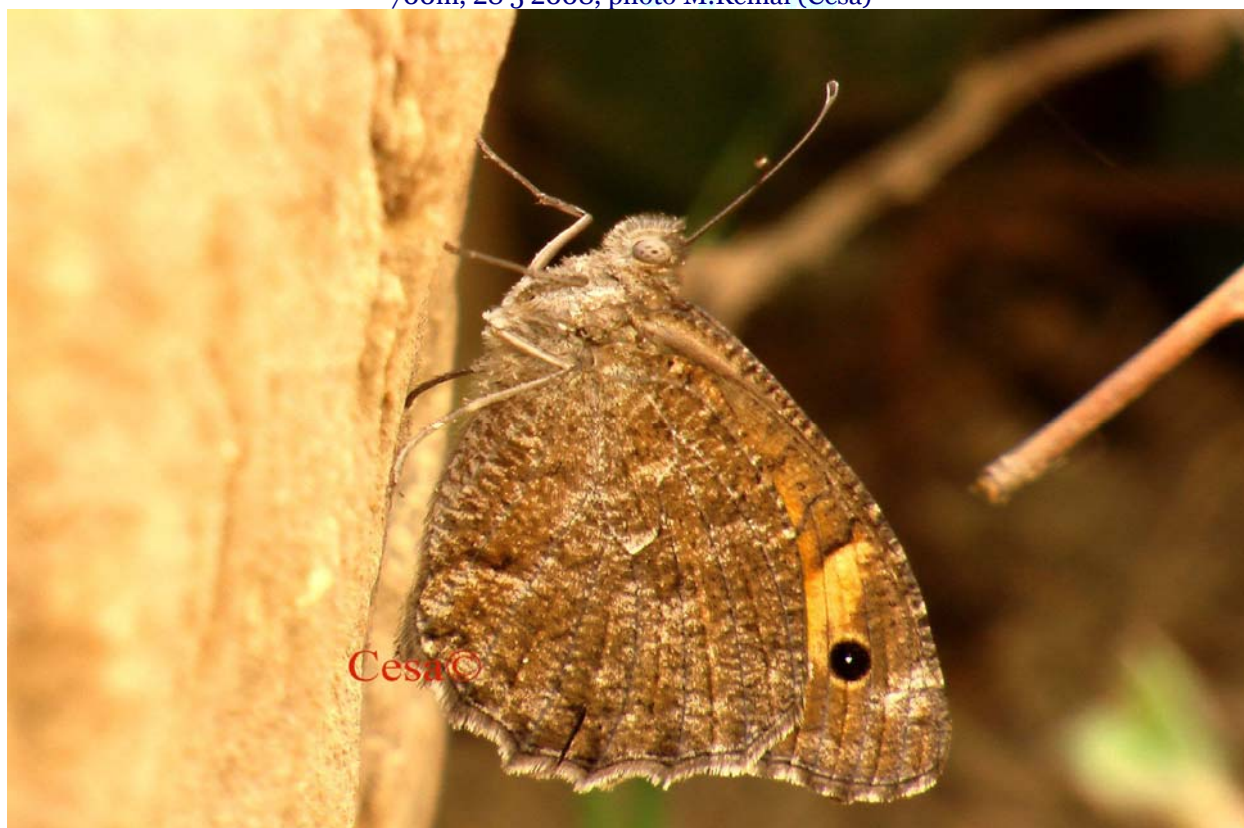


Fig. 3- *Pseudochazara anthelea* ssp. *selcuki* (Satyridae) a resting female. Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)



Fig. 4- *Pseudochazara anthelea* ssp. *selcuki* (Satyridae) a resting male. Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)

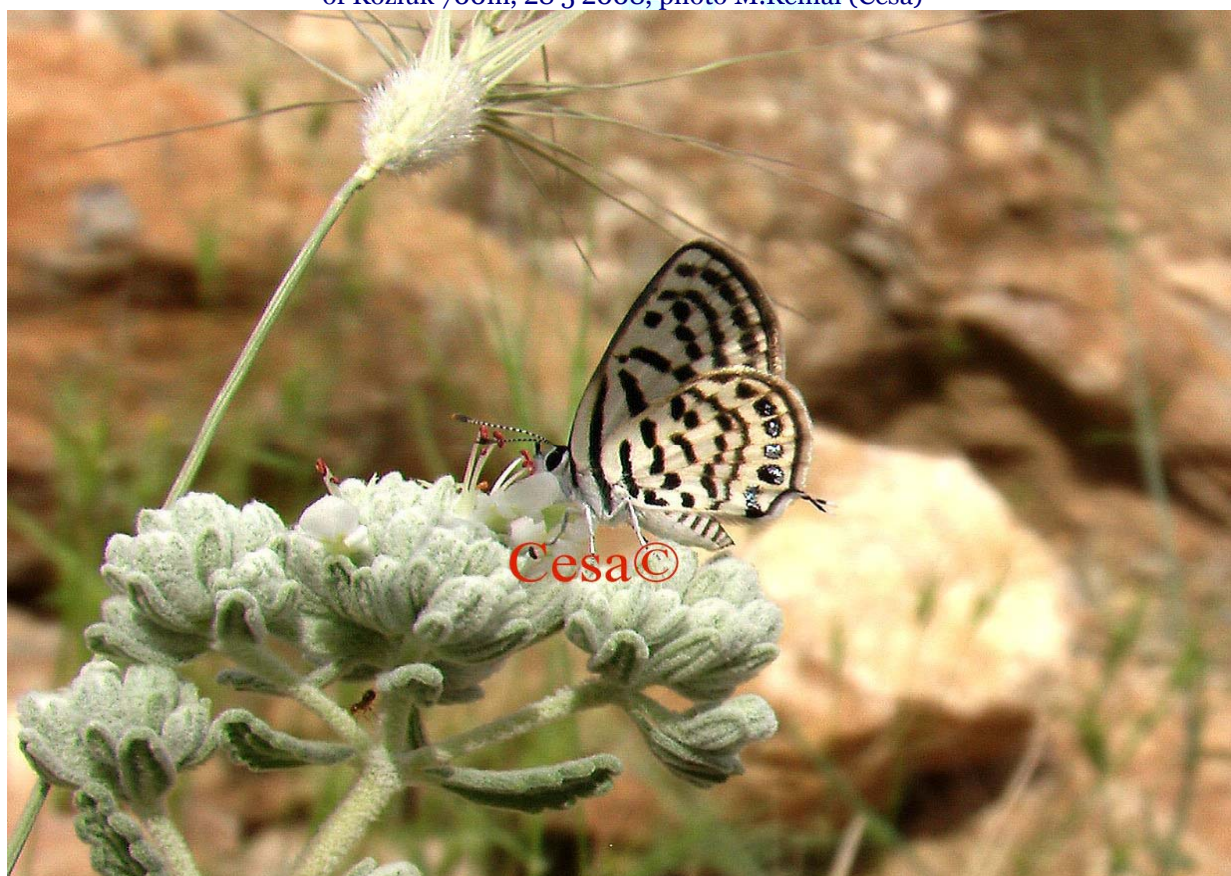


Fig. 5- *Tarucus balkanicus* (Lycaenidae), a feeding male. Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)

Among other interesting insects in the Kozluk district, *Eremopeza gibbera* (Stål, 1876) (Pamphagidae), *Ptyngidricerus albardanus* (McLachlan, 1891) (Ascalaphidae, Planipennia), and *Epallage fatime* (Charpentier, 1840) (Euphaeidae, Odonata) are noteworthy, as they are rare species with localized populations.



Fig. 6- *Anacridium aegypticum* (Acrididae). Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)



Fig. 7- *Eremopeza gibbera* (Pamphagidae). Turkey, Batman Province, vicinity of Kozluk 700m, 28 5 2008, photo M.Kemal (Cesa)



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